

DEVELOPMENT REVIEW BOARD REPORT



MEETING DATE: October 6, 2005

ITEM NO. 4

CASE NUMBER/
PROJECT NAME

5-DR-2002#2
Avalon Aviation Center

LOCATION

10644 & 10657 N 82nd Street, south of Frank Lloyd Wright Boulevard, along the northwest side of the Scottsdale Airport.

REQUEST

Request approval of a site plan and elevations approval for a two-story office building and three aircraft hangars on parcel 1 and a two-story office building and one aircraft hangar on parcel 2.

OWNER

Avalon CMG
480-502-7700

ENGINEER

Hunter Engineering
480-991-3985

ARCHITECT/
DESIGNER

Dickinson Architects
602 956-4523

APPLICANT/
COORDINATOR

Loren Dickinson
Dickinson Architects
602 956-4523

BACKGROUND

Zoning.

The site is zoned Industrial Park (I-1) District. This district allows for airport and aviation related uses including hangars and aircraft staging areas as well as office and warehouse uses as permitted uses.

Context.

The site is located in the North Scottsdale Airpark Unit #1 plat.
Adjacent Uses:

- North: An undeveloped parcel and other Airpark office, hanger and warehouse uses with I-1 zoning
- South: Scottsdale Airport and the associated taxiway and runway (I-1)
- East: 82nd Way cul-de-sac and the Scottsdale Airport with I-1 zoning
- West: Taxiway leading to the Airport and other I-1 office/ warehouse uses within the Scottsdale Airpark

APPLICANT'S
PROPOSAL

Applicant's Request.

The request is for approval of a site plan and elevations for a new office and aircraft hanger project situated on 2 adjoining lots located at the northwest side of the Scottsdale Airport. The site has street access from 4 locations along the 82nd Street cul-de-sac, which was partially abandoned in 2000 and will be reconfigured with this development. The southern office/ hanger building is "U"-shaped with parking provided along the north side while the northern office hanger building is "L"-shaped and has a zero lot line along the north side of the site. Parking is situated adjacent to 82nd Street. All access to the Airport is from the 100-foot wide taxiway easement along the west side of the site rather than directly onto the Airport property along the east side of the site. The 3 hangars

on the southern building have common staging areas while the northern hanger has an individual staging area.

The 2-story office buildings will have a reddish-brown EIFS parapet roof. Limited reflective bronze glazing is provided on the first and second levels of offices with second floor aluminum finished balconies with railings extending about 4 feet from the face of the building. Similar metal details and screens are placed on other windows on the south side of the building. The hangers are constructed with brown tilt slab concrete walls having horizontal and vertical reveals and limited EIFS areas over the hanger doors. Hangers have parapet roofs and reddish-brown wainscot. The larger hangers in the southern "U"-shaped buildings have limited EIFS details and window areas with aluminum balconies and canopies to provide interest and match those located on the office buildings.

Open space is provided along the frontage of the site adjacent to the cul-de-sac, as base planting around the office buildings and at the southern side of the site. A pedestrian walkway is provided from the parking lot between the offices to the staging area at the southern building. Landscape materials include Palo Verde, Desert Willow, Mesquite and Willow Acacia trees plus Ruella, Sage, Agave, Bird of Paradise and other shrubs and ground covers. No turf areas are provided.

Development Information:

- Existing Use: Undeveloped site
- Proposed Use: Office and aircraft hanger complex
- Parcel Size: 3.8 acres (165,554 square feet) on 2 lots
- Building Floor Area: Office areas total 10,283 square feet, 4 hangers are 15,256, 11,240, 6,158 and 5,374 square feet for a total of 48,311 square feet on 2 lots
- Building Height Allowed: 36 Feet
- Building Height Proposed: 33 feet
- Parking Required: 35 Parking Spaces
- Parking Provided: 38 Parking Spaces
- Open Space Required: 15,108 Square feet
- Open Space Provided: 36,428 Square feet
- FAR: 0.291
- Number of Units/ Density: N/A
- Total Square Footage: Buildings contain 48,311, staging area is 15,651 square feet for hangers 1, 2 and 3 and 6,904 for hanger 4 at building 2
- Volume Ratio Allowed: 1,489,990 Cubic feet
- Volume Ratio Provided: 1,345,420 Cubic feet

DISCUSSION

The lot is undeveloped and abuts the Airport situated toward the southeast side of the site. The architecture proposed for the buildings is a modern style that is suitable for the area.

KEY ISSUES

- The project is for separate office/ hanger facilities on 2 separate lots.
- No objections have been received on this case.

OTHER BOARDS AND COMMISSIONS

- The Airport Director has no objections to the proposal, subject to the attached stipulations.
- In March 2001, the south portion of 82nd Street was abandoned to reconfigure the cul-de-sac (Case 32-AB-2000).
- Case 5-DR-2002 approved site plan and elevations for the same site with this approval having subsequently expired without development occurring on the site.

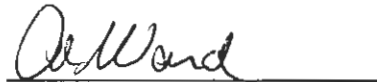
STAFF RECOMMENDATION

Staff recommends approval, subject to the attached stipulations.

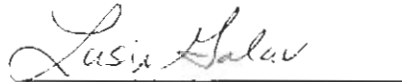
STAFF CONTACT(S)

Al Ward, AICP
Senior Planner
Phone: 480-312-7067
E-mail: award@ScottsdaleAZ.gov

APPROVED BY



Al Ward
Report Author



Lusia Galav, AICP
Current Planning Director
Phone: 480-312-2506
E-mail: lgalav@scottsdaleAZ.gov

ATTACHMENTS

1. Applicant's Narrative
2. Context Aerial
- 2A. Aerial Close-Up
3. Zoning Map
4. Site Plan
5. Landscape Plan
6. Elevations
- A. Fire Ordinance Requirements
- B. Stipulations/Zoning Ordinance Requirements



DICKINSON
ARCHITECTS, INC.
2525 E. ARIZONA BILTMORE CIRCLE
SUITE 218 PHOENIX, ARIZONA 85016

PROJECT NARRATIVE

May 25, 2005

Re: Avalon Aviation Center
10644 & 10657 N. 82nd Street
Scottsdale, Arizona
City Project No. 197-PA-05

PROJECT DESCRIPTION:

The project consists of two buildings on two separate parcels, constructed as one project. The building on the southeast end of the site, or Parcel 1, consists of three large aircraft hangars for corporate jet aircraft, with related two-story office space. The building at the northwest corner of the site, on Parcel 2, is comprised of one large aircraft hangar with its two-story attached office space. Office space is arranged to be immediately adjacent to its hangar space, so that it may be leased as a unit. Currently the project's owners will occupy Hangar 3 and its related office space at Parcel 1, and the building on Parcel 2.

The project will be constructed of concrete tilt-up walls at the hangar buildings, with integral reveals and color lines. The office spaces will be constructed with an exterior finish and insulating system (E.F.I.S.), with a warm pebble texture, which is to be painted in complimentary color to the hangar walls. An articulating feature similar to the office areas are used on the hangar walls facing surrounding properties and the street, in order to add interest and variety to the hangars' otherwise long and tall wall areas. Windows will occur at both the office areas and at the matching "pop-outs" at hangar areas. The warm southwest color scheme is complimented by natural aluminum balcony handrails and wall-mounted sunscreens. The sunscreens add an articulating element to the walls, and provide additional shading of glass areas. The glass areas are set back into the wall areas approximately 2 feet from the buildings' face, further adding wall articulation and interest, and providing additional glass shading. Glass will be a lightly reflective bronze color.

5-DR-2002#2
5/27/2005

Page Two
Project Narrative
Avalon Aviation Center
May 25, 2005

The amount of office space provided will be in excess of the Airport's requirement of 1000 square feet of office space per hangared aircraft. The project's layout, relationship to the Airport, and aircraft staging areas have been reviewed and approved by Airport staff and the Airpark Association. The Airport Communication Form should be in DR staff's files.

The project will also include re-location of the 82nd Street cul-de-sac, the plans for which were approved for permit during an earlier version of this project that was in 2000. That earlier project was not constructed, and the plans for the cul-de-sac re-location will be re-submitted to the City for approval as a part of this project.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Loren A. Dickinson', followed by a long horizontal flourish.

Loren A. Dickinson AIA, President

File: DRB Narrative



Avalon Aviation Center

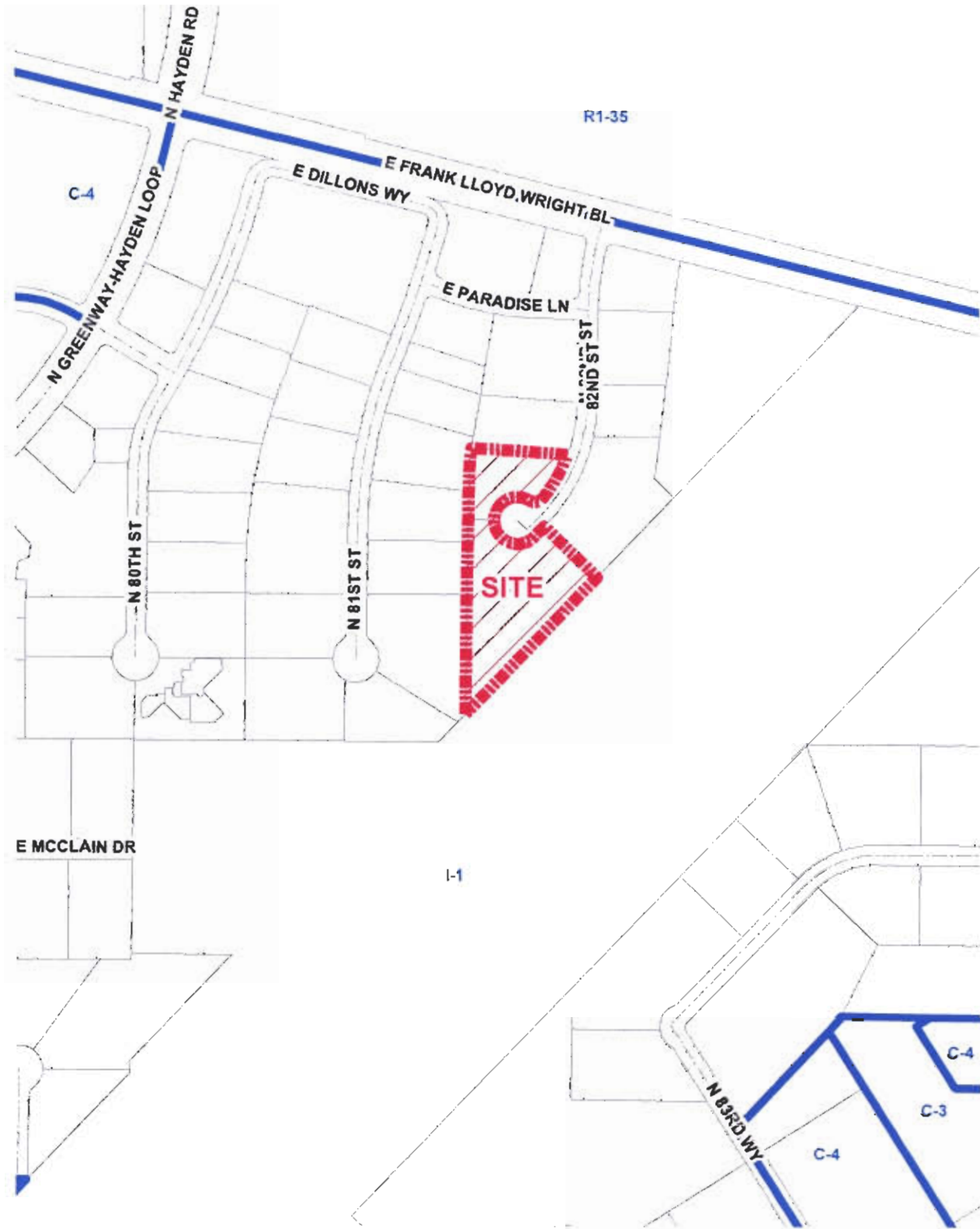
5-DR-2002#2

ATTACHMENT #2



Avalon Aviation Center

ATTACHMENT #2A



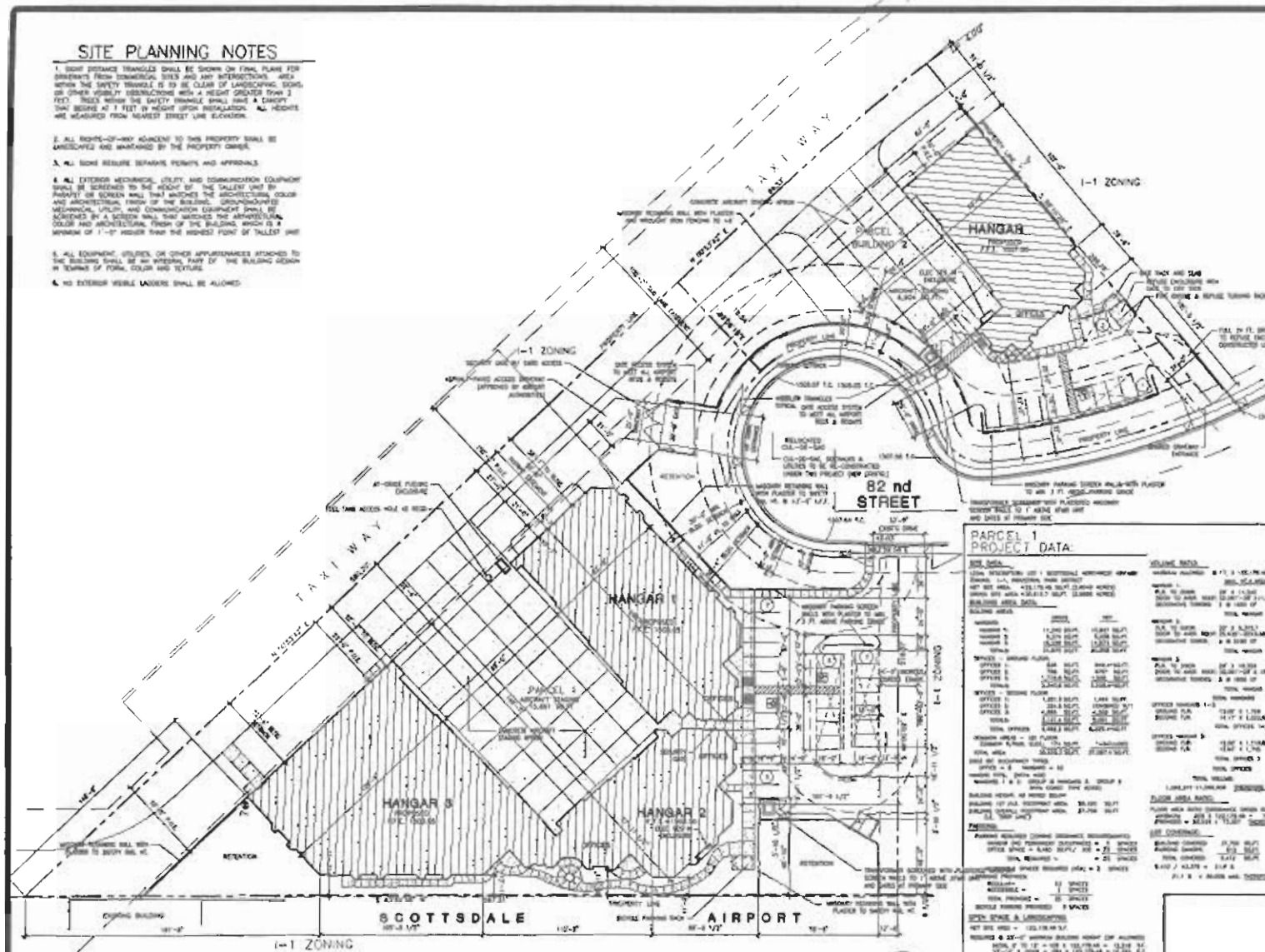
5-DR-2002#2

ATTACHMENT #3



SITE PLANNING NOTES

1. SHORT DISTANCE TRIANGLES SHALL BE SHOWN ON FINAL PLANS FOR OBSTRUCTIONS FROM COMMERCIAL SIGNS AND ANY INTERSECTIONS. AREA WITHIN THE SAFETY TRIANGLE IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 2 FEET. TRUCKS WITHIN THE SAFETY TRIANGLE SHALL HAVE A CLEARANCE OF 10 FEET IN HEIGHT (FROM INSTALLATION). ALL HEIGHTS ARE MEASURED FROM NEAREST STREET LINE ELEVATION.
2. ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE MAINTAINED AND MAINTAINED BY THE PROPERTY OWNER.
3. ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
4. ALL EXTERIOR MECHANICAL, UTILITY AND COMMUNICATION EQUIPMENT SHALL BE SCREENED TO THE ROOF OF THE TALLEST UNIT BY PARTY OR SCREEN WALL THAT MATCHES THE ARCHITECTURAL COLOR AND ARCHITECTURAL FINISH OF THE BUILDING. (GROUNDPOUNDED MECHANICAL, UTILITY, AND COMMUNICATION EQUIPMENT SHALL BE SCREENED BY A SCREEN WALL THAT MATCHES THE ARCHITECTURAL COLOR AND ARCHITECTURAL FINISH OF THE BUILDING, WHICH IS A MINIMUM OF 1'-0" HIGHER THAN THE HIGHEST POINT OF TALLEST UNIT).
5. ALL EQUIPMENT, UTILITIES, OR OTHER APPEARANCES ATTACHED TO THE BUILDING SHALL BE AN APPROPRIATE PART OF THE BUILDING DESIGN IN TERMS OF FORM, COLOR AND TEXTURE.
6. NO EXTERIOR VISIBLE LADDERS SHALL BE ALLOWED.



PRELIMINARY SITE PLAN

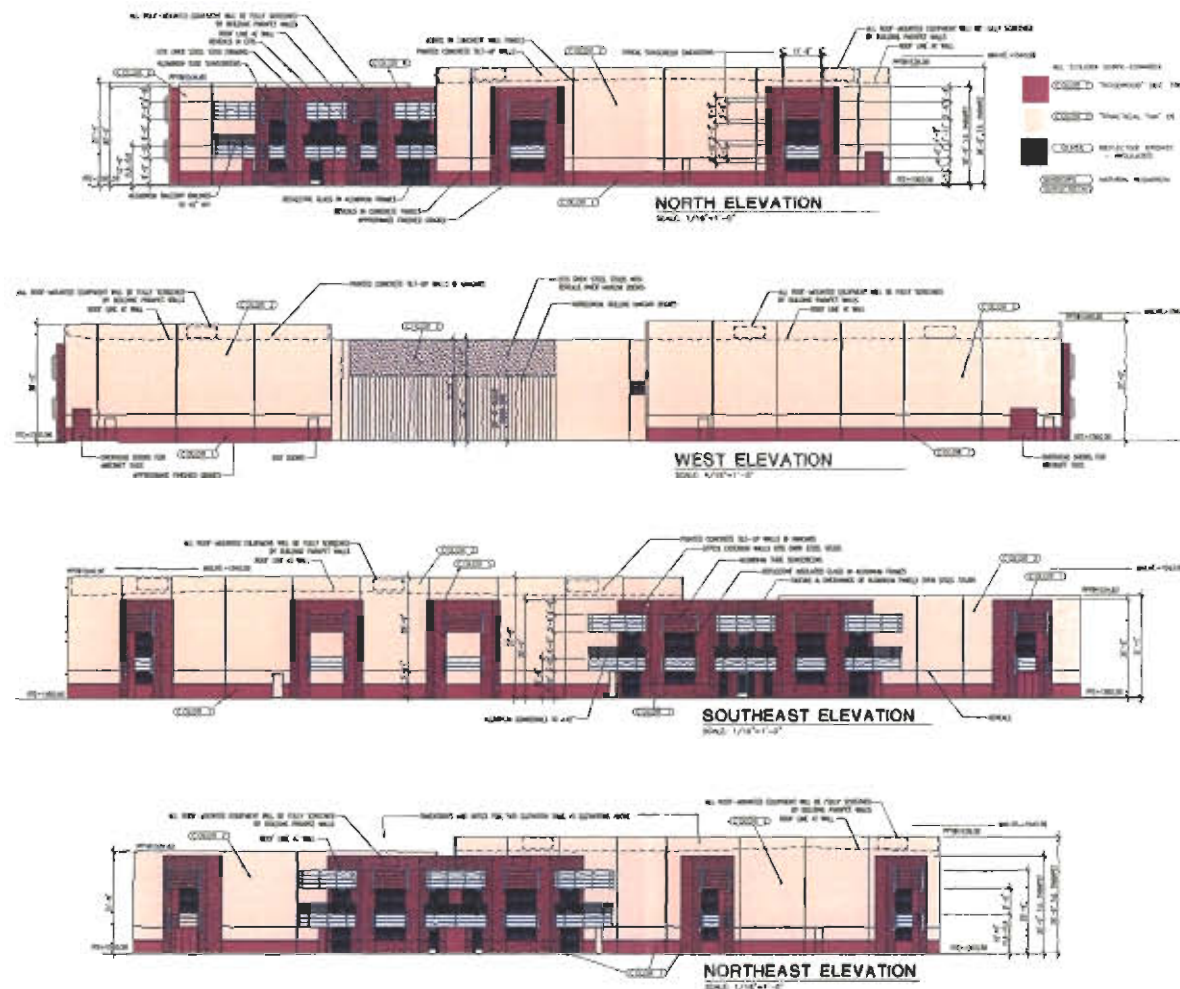
SCALE: 1"=30'-0"

0 25' 50' 100' 200'

PRELIMINARY ONLY
NOT FOR CONSTRUCTION USE

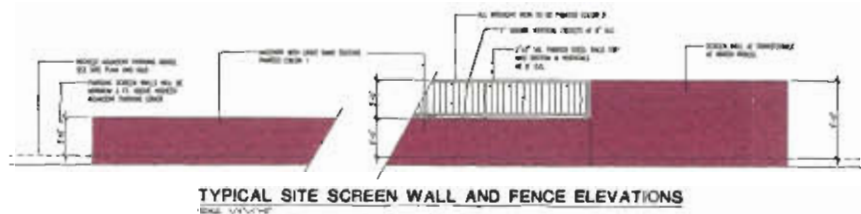
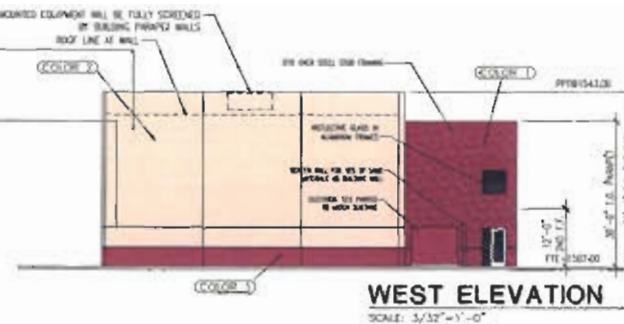
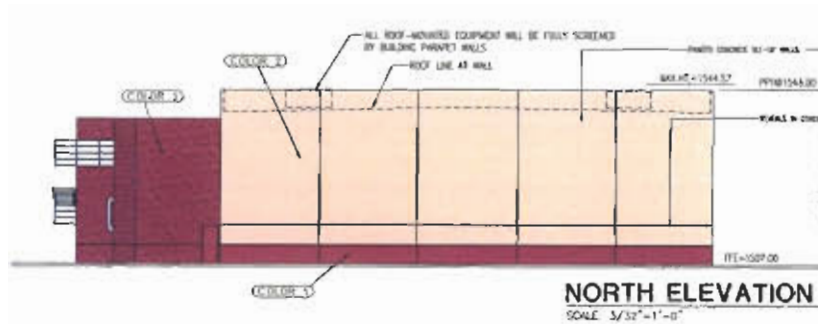
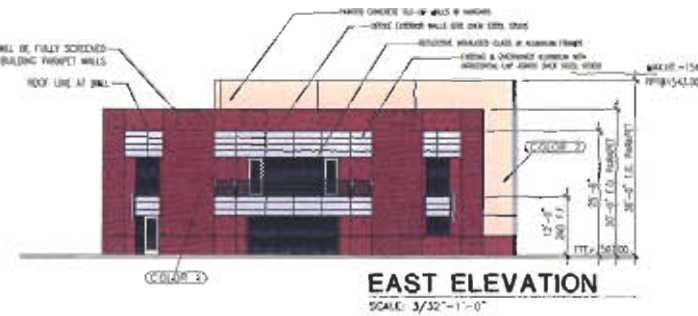
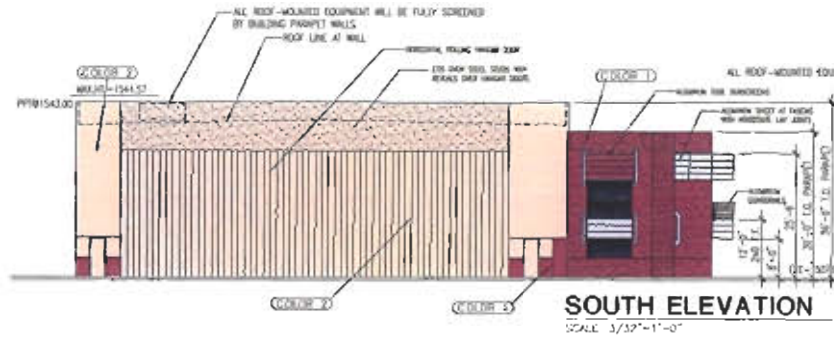
PARCEL 2 PROJECT DATA

SITE DATA
TOTAL DESCRIPTION: LOT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109,



**COLORED
ELEVATIONS - PARCEL 1**

* PRELIMINARY ONLY *



- ALL COLORS DUNN-EDWARDS
- COLOR 1** "ROSEWOOD" DEC 706
 - COLOR 2** "PRACTICAL TANK" DE 6115
 - GLASS** REFLECTIVE BRONZE - INSULATED
 - SCREENING** NATURAL ALUMINUM

COLOR ELEVATIONS - PARCEL 2

• PRELIMINARY ONLY •
NOT FOR CONSTRUCTION USE

Avalon Aviation Center
10644 & 10657 N. 82nd Street
Scottsdale, Arizona

FIRE ORDINANCE REQUIREMENTS

(INCORPORATE INTO BUILDING PLANS AS GENERAL NOTE BLOCK - USE ONLY THE DESIGNATED STIPULATIONS)

- ☒ 1. PREMISES IDENTIFICATION TO BE LEGIBLE FROM STREET OR DRIVE & MUST BE ON ALL PLANS.
- ☒ 2. FIRE LANES & EMERGENCY ACCESS SHALL BE PROVIDED & MARKED IN COMPLIANCE WITH CITY ORDINANCE & IFC AT THE FOLLOWING LOCATIONS.
AS SHOWN
- ☒ 3. IT IS THE DEVELOPERS RESPONSIBILITY TO DETERMINE ULTIMATE COMPLIANCE WITH THE FAIR HOUSING ADMMENDMENTS ACT & AMERICANS WITH DISABILITIES ACT & INCORPORATE SAME INTO THEIR BUILDING PLANS.
- ☐ 4. SUBMIT PLANS & SPECS FOR SUPERVISED AUTOMATIC EXTINGUISHING SYSTEM FOR ALL COOKING APPLIANCES, HOOD PLENUMS & EXHAUST DUCTS.
- ☒ 5. PROVIDE A KNOX ACCESS SYSTEM:
 - ☒ A. KNOX BOX
 - ☐ B. PADLOCK
 - ☒ C. KNOX OVERRIDE & PRE-EMPTION STROBE SWITCH FOR AUTOMATIC GATES.
- ☒ 6. INSTALL AN AS BUILT DRAWING CABINET ADJACENT TO THE FIRE SPRINKLER RISER. IT SHALL BE OF ADEQUATE SIZE TO ACCOMMODATE BOTH THE FIRE SPRINKLER & FIRE ALARM DRAWINGS. THE CABINET SHALL BE PROVIDED WITH A LOCK & KEYED TO MATCH THE FIRE ALARM CONTROL PANEL & SUPERVISED BY THE FACP IF APPLICABLE.
- ☐ 7. SUBMIT PLANS FOR A CLASS _____ FIRE ALARM SYSTEM PER SCOTTSDALE REVISED CODES.
- ☒ 8. PROVIDE INTERIOR TENANT NOTIFICATION WHEN OFF-SITE MONITORING IS REQUIRED.
 (SEE FIRE ALARM INTERPRETATIONS FOR CLARIFICATION)
- ☒ 9. ADD 2-1/2" WET FIRE HOSE VALVES (NSHT) IF FLOOR AREA EXCEEDS 10,000 SQ. FT. PER FLOOR LEVEL AND/OR IF FIRE DEPT. ACCESS IS LIMITED TO LESS THAN 360°. _____

- ☒ 10. BUILDINGS MAY BE SUBJECT TO INSTALLATION AND TESTING REQUIREMENTS FOR A PUBLIC SAFETY RADIO AMPLIFICATION SYSTEM.
- ☒ 11. BACKFLOW PREVENTION WILL BE REQUIRED ON VERTICAL RISER FOR CLASS 1 & 2 FIRE SPRINKLER SYSTEMS PER SCOTTSDALE REVISED CODE.
- ☒ 12. PROVIDE ALL WEATHER ACCESS ROAD (MIN. 16") TO ALL BUILDINGS & HYDRANTS FROM PUBLIC WAY DURING CONSTRUCTION.
- ☒ 13. SEE APPROVED CIVILS FOR THE NUMBER OF FIRE HYDRANTS REQUIRED. DEVELOPER SHALL HAVE THE REQUIRED HYDRANTS INSTALLED & OPERABLE PRIOR TO THE FOOTING INSPECTION. HYDRANTS SHALL BE SPACED AT A MAXIMUM OF _____ AT _____ GPM. THE DEVELOPER SHALL MAKE THE C.O.S. APPROVED CIVIL WATER PLANS AVAILABLE TO THE FIRE SPRINKLER CONTRACTOR.
- ☒ 14. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED. SEE SHEET(S) _____
- ☒ 15. EXIT & EMERGENCY LIGHTING SHALL COMPLY WITH THE C.O.S. ORDINANCE & THE IFC. SEE SHEETS _____
- ☒ 16. SUBMIT MSDS SHEETS & AGGREGATE QUANTITY FOR ALL HAZARDOUS MATERIALS INCLUDING FLAMMABLES, PESTICIDES, HERBICIDES, CORROSIVES, OXIDIZERS, ETC. A PERMIT IS REQUIRED FOR ANY AMOUNT OF HAZARDOUS MATERIALS STORED, DISPENSED, USED OR HANDLED. COMPLETE AN HMMP & SUBMIT WITH THE BUILDING PLANS.
- ☐ 17. FIRELINE, SPRINKLER & STANDPIPE SYSTEM SHALL BE FLUSHED & PRESSURE TESTED PER NFPA STANDARDS & SCOTTSDALE REVISED CODES.
- ☒ 18. FDC SIAMESE CONNECTIONS FOR SPRINKLERS AND/OR STANDPIPES WILL BE LOCATED PER ORDINANCE AND/OR AT AN APPROVED LOCATION. MINIMUM SIZE 2-1/2 x 2-1/2 x 4 (NSHT)
 - ☒ 4' TO 8' BACK OF CURB; INDEP. WET LINE.
 - ☐ WALL MOUNTED - 15' CLEAR OF OPENINGS.
- ☒ 19. ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER. DIMENSIONS FROM FACE OF PIPE SHALL MEASURE A MINIMUM OF 12" OFF THE BACK OF WALL, 18" ON EACH SIDE & 36" CLEAR IN FRONT WITH A FULL HEIGHT DOOR. THE FIRE LINE SHALL EXTEND A MAXIMUM OF 3' INTO THE BUILDING FROM INSIDE FACE OF WALL TO CENTER OF PIPE.

20. ☒ SPRINKLER SYSTEM SHALL BE INSTALLED TO COMPLY WITH MINIMUM NFPA CRITERIA 2002 EDITION & SCOTTSDALE REVISED CODES. SYSTEMS WITH 100 HEADS OR MORE SHALL HAVE OFF-SITE MONITORING. AFTER BUILDING PLAN REVIEW, INSTALLING CONTRACTOR SHALL SUBMIT (3) THREE COMPLETE SETS OF DRAWINGS & HYDRAULIC CALCULATIONS REVIEWED BY A MINIMUM NICET III DESIGN TECHNICIAN.
- ☐ A. MODIFIED NFPA 13-D SYSTEM WITH RESIDENTIAL QUICK RESPONSE SPRINKLER HEADS (2002 EDITION)
- ☐ B. MODIFIED NFPA 13R SYSTEM (2002 EDITION) WITH RESIDENTIAL QUICK RESPONSE SPRINKLER HEADS IN DWELLING UNITS & ATTIC AREAS FED FROM SEPARATE FIRELINE PER C.O.S. ORDINANCE & INTERPRETATIONS & APPLICATIONS. CALCULATE UP TO FOUR REMOTE HEADS & 900 SQ FT MIN. IN ATTIC.
- ☒ C. NFPA 13 2002 EDITION COMMERCIAL SYSTEM / DESIGN CRITERIA: $B=.1/1500$ & $S2=.17/5000$ foam SEISMIC DESIGN CATEGORY SHALL BE DETERMINED BY STRUCTURAL ENGINEER.
- ☐ D. THE FIRE SPRINKLER SYSTEM DESIGN FOR WAREHOUSE / STORAGE OCCUPANCIES SHALL BE BASED ON THE FULL HEIGHT CAPACITY OF THE BUILDING PER SCOTTSDALE REVISED CODE. DENSITY CRITERIA:
- ☐ E. SPRINKLER DESIGN CRITERIA FOR UNSPECIFIED WAREHOUSE COMMODITIES: .45 OVER 3000 SQ. FT.
- ☐ F. THE PROJECT SPECIFICATIONS SHALL BE SUBMITTED WITH CONTRACT DRAWINGS.
- ☒ G. FOAM IS REQUIRED IN HANGERS UNLESS DOCUMENTATION IS PROVIDED TO DELETE.

Submit three (3) complete sets of drawings submitted by installing contractor, after building plan review is complete. Please refer questions to Fire Dept. Plan Review, 312-7070, 312-7684, 312-7127, 312-2372.

Stipulations for Case: Avalon Aviation Center 5-DR-2002#2

Unless otherwise stated, the applicant agrees to complete all requirements prior to final plan approval, to the satisfaction of Project Coordinator and the Final Plans staff.

PLANNING

APPLICABLE DOCUMENTS AND PLANS:

DRB Stipulations

1. Except as required by the City Code of Ordinances, Zoning Regulations, Subdivision Regulations, and the other stipulations herein, the site design and construction shall substantially conform to the following documents:
 - a. Architectural elements, including dimensions, materials, form, color, and texture, shall be constructed to be consistent with the building elevations submitted by Dickinson Architects, Inc. with a City Staff date of 09/23/05.
 - b. The location and configuration of all site improvements shall be constructed to be consistent with the site plan submitted by Hunter Engineering with a City Staff date of 09/23/05.
 - c. Landscaping, including quantity, size, and location of materials shall be installed to be consistent with the conceptual landscape plan submitted by Dickinson Architects, Inc. with a City Staff date of 09/23/05.

ARCHITECTURAL DESIGN:

DRB Stipulations

2. The face of the service entrance section(s) shall be flush with the building façade and painted to match the building.
3. All exterior mechanical, utility, and communications equipment shall be screened by parapet or wall that matches the architectural color and finish of the building. Wall or parapet height for roof-mounted units shall meet or exceed the height of the tallest unit. Wall height for ground-mounted units shall be a minimum of 1 foot higher than the tallest unit.
4. All exterior conduit and raceways shall be painted to match the building.
5. No exterior roof ladders shall be allowed where they are visible to the public or from an off-site location.
6. Roof drainage systems shall be interior, except that overflow scuppers are permitted. If overflow scuppers are provided, they shall be integrated with the architectural design.
7. Wall enclosures for refuse bins or trash compactors shall be constructed of materials that are compatible with the building(s) on the site in terms of color and texture.
8. Dooley wall fencing shall not be allowed.
9. All walls shall match the architectural color, materials and finish of the building(s).
10. *Comply with all stipulations and requirements as outlined in the Airport Area Development Communication Form signed and dated by Jennifer M. Lewis, Aviation Planner, dated 08/31/05. With the final plans submittal, the developer shall submit documentation from the Scottsdale Airport staff that indicates all conditions listed on the Airport Area Development Communication Form have been met to the satisfaction of the airport staff.*

ATTACHMENT B

11. *A ten (10) foot Public Utility Easement (P.U.E.) shall be dedicated around the perimeter of cul-de-sac dedicated as part of previous abandonment and lot tie/split cases (32-AB-2000/32-AB-2000A & 99-LT-2000/99-LS-2000). Required dedication documents shall be submitted at time of first final plans submittal.*
12. *The developer shall submit detailed floor plan worksheets and site plan worksheets with final plans submittal.*

SITE DESIGN:

DRB Stipulations

13. *All area within the existing taxiway easement shall not be included in calculations for required staging area of either parcel.*

LANDSCAPE DESIGN:

DRB Stipulations

14. Upon removal of the salvageable native plants the salvage contractor shall submit completed Native Plant Tracking Form as well as a list identifying the tag numbers of the plants surviving salvage operations to the City's Inspection Services Unit within 3 months from the beginning of salvage operations and/or prior to the issuance of the Certificate of Occupancy.
15. Cut and fill slopes shall be rounded to blend with the existing contours of the adjacent natural grades.

EXTERIOR LIGHTING DESIGN:

DRB Stipulations

16. All exterior luminaires shall meet all IESNA requirements for full cutoff, and shall be aimed downward and away from property line except for sign and parking lot canopy lighting.
17. The individual luminaire lamp shall not exceed 250 watts.
18. The maximum height from finished graded to the bottom of the any exterior luminaire shall not exceed 20 feet.
19. All exterior light poles, pole fixtures, and yokes, shall be a flat black or dark bronze.
20. Incorporate into the project's design, the following:

Parking Lot and Site Lighting:

- a. The maintained average horizontal illuminance level at grade on the site shall not exceed 2.0 foot-candles.
- b. The maintained maximum horizontal illuminance level, at grade on the site, shall not exceed 8.0 foot-candles. All exterior luminaires shall be included in this calculation.
- c. The initial vertical illuminance at 6.0 foot above grade, along the entire property line (or 1 foot outside of any block wall exceeding 5 foot in height) shall not exceed 0.8 foot-candles. All exterior luminaires shall be included in this calculation.

Building Mounted Lighting:

- d. All luminaires shall be recessed or shielded so the light source is not directly visible from property line.

Carport Lighting:

- e. The carport lighting shall be recessed within the canopy and shall not project below the fascia. The light source is not directly visible from the property line.

VEHICULAR AND BICYCLE PARKING:

DRB Stipulations

21. Bike rack design shall be in conformance with City of Scottsdale M.A.G. Details unless otherwise approved in writing by the City of Scottsdale's Transportation Department.

ADDITIONAL PLANNING ITEMS:

DRB Stipulations

22. No exterior vending or display shall be allowed.
23. Flagpoles, if provided, shall be one piece, conical, and tapered.
24. All signs require separate permit and approval.
25. Patio umbrellas shall be solid colors and shall not have any advertising in the form of signage or logos.

RELEVANT CASES:

Ordinance

- A. *At the time of review, the related zoning, DRB, Use Permit, and etc. case(s) for the subject site were: 2-DR-2002.*

ENGINEERING

The following stipulations are provided to aid the developer in submittal requirements, and are not intended to be all inclusive of project requirements. The developer shall submit engineering design reports and plans that demonstrate compliance with city ordinances, the Scottsdale Revised Code and the Design Standards and Policies Manual.

DRAINAGE AND FLOOD CONTROL:

DRB Stipulations

26. A final drainage report shall be submitted that demonstrates consistency with the conceptual drainage report approved in concept by the Planning and Development Services Department.

- a. Before the approval of improvement plans by city staff, the developer shall submit two (2) hard copies and one (1) compact disc copy of the complete final drainage report and plan.

27. Basin Configuration:

- a. Basin side slopes shall not be steeper than 4:1, and basin depths shall not exceed 3 feet.
- b. A maximum of 50% of the front open space may be used as a retention/detention basin unless approved by the Project Coordination Manager.
- c. Stormwater Storage on Paved Surfaces. Up to 50% of required stormwater storage may be provided in parking areas when the following conditions are met:
- d. Storage system shall be designed to store first 30% of required runoff volume off paved areas (to avoid ponding of nuisance water on pavement).
- e. Parking lot storage areas shall be designed so as to minimize interference with pedestrian traffic. Depth of water shall not exceed six inches within the parking area.

Ordinance

- B. On-site stormwater storage is required for the full 100-year, 2-hour storm event. The design of the storage basin capacity shall account for any proposed landscaping improvements. The landscaping improvements within the basins shall not reduce the capacity of the basins under the required volume.
 - (1) Basin bleed-off rates shall be set so that the storage basins do not drain completely in less than 24 hours. Storage basins must drain completely within 36 hours.
 - (2) Infiltration of stormwater through the basin floor is not acceptable as the sole means of draining the basin. Stormwater storage basins should be designed to meter flow to the historic out-fall point. Where an historic out-fall point does not exist (or metering is not possible), other methods of discharge such as pumps, etc. may be considered.
 - (3) Stormwater storage basins may not be constructed within utility easements or dedicated right-of-way (exceptions may be granted with written approval from appropriate utility company).
 - (4) Off-site runoff must enter and exit the site as it did historically.
 - (5) All development shall be designed to satisfactorily convey the 100-year peak discharge through the site without significant damage to structures.
- C. With the final improvement plans submittal to the Plan Review and Permit Services Division, the developer shall submit a final drainage report and plan, subject to City staff approval.
- D. Underground Stormwater Storage:
 - (1) Underground stormwater storage is prohibited unless approval is obtained from the City's Floodplain Administrator.

(2) Drywells are not permitted.

E. Street Crossings:

- (1) Watercourse crossings for roads shall be designed to provide for 100-year access to all lots by at least one route. Accessibility will be considered to exist if it can be shown by the engineer that at the time of the peak flow, the depth of flow over the road will not be greater than 1 foot.

ROADWAY, INTERSECTION, AND ACCESS DESIGN:

Streets and other related improvements:

STREET NAME	STREET TYPE	R.O.W. DEDICATION	ROADWAY IMPROVEMENT	CURB TYPE	BIKE PATH, SIDEWALK, TRAILS
82 nd Street	Local Commercial	60 ft full street (60 ft existing)	See Note A below.	Vertical curb and gutter	New sidewalk to match existing width

Note A: 82nd Street improvements shall match existing street and sidewalk dimensions. New cul de sac shall be constructed to Local commercial standards per the City of Scottsdale DSPM, with the inside radius equal to 60.5 ft and outside radius equal to 70 ft.

DRB Stipulations

28. Abandon the existing right of way for the 82nd Street cul-de-sac and remove the existing pavement, curb, gutter and sidewalk.
29. The developer shall design and construct only four driveways in general conformance with Standard Detail #2256 for CL-1.
30. Additional Stipulations as project demands.

Ordinance

- F. The developer shall submit a detailed striping and signage plan with final plans. The striping and signage plan shall include all existing improvements and striping within 300 feet of the limits of construction, and all signs, striping, or other traffic control devices proposed to accommodate phased and ultimate construction.

INTERNAL CIRCULATION:

DRB Stipulations

31. The developer shall provide a minimum parking-aisle width of 24 feet.
32. The developer shall provide internal circulation that accommodates emergency and service vehicles with an outside turning radius of 45 feet and inside turning radius of 25 feet.
33. Provide bike parking next to office buildings.
34. Provide opticom control on gates for fire access.

Construct minimum 24-foot driveway on shared driveways for both sides of 82nd Street. Provided cross access for each shared driveway

Ordinance

- G. Parking areas shall be improved with a minimum of 2.5 inches of asphalt over 4 inches of aggregate base.

EASEMENTS AND DEDICATIONS

DRB Stipulations

35. Sight distance easements shall be dedicated over sight distance triangles.

- a. Sight distance triangles must be shown on final plans to be clear of landscaping, signs, or other visibility obstructions between 2 feet and 7 feet in height.
- b. Refer to the following figures: 3.1-13 and 3.1-14 of Section 3.1 of the City's Design Standards and Policies Manual, published December 1999.

36. Vehicular Non-Access Easement:

- a. Prior to final plan approval, the developer shall dedicate a 1-foot wide vehicular non-access easement along the property frontage on 82nd Street Road except at the approved driveway location.

37. Indemnity Agreements:

- a. When substantial improvements or landscaping are proposed within a utility easement, an indemnity agreement shall be required. The agreement shall acknowledge the right of the City to access the easement as necessary for service or emergencies without responsibility for the replacement or repair of any improvements or landscaping within the easement.

Ordinance

H. Drainage Easement:

- (1) Drainage and flood control easements shall be dedicated to the City to the limits of inundation for all vista corridor washes, for all washes having a discharge rate of 25 cfs or more, for all FEMA regulatory floodways to the extent of the 100-year base flood elevation, and for all stormwater storage basins. All drainage and flood control easements shall be dedicated to the City with maintenance responsibility specified to be that of the property owner.

I. Waterline and Sanitary Sewer Easements:

- (1) Before the issuance of any building permit for the site, the developer shall dedicate to the City, in conformance with the Scottsdale Revised Code and the Design Standards and Policies Manual, all water easements necessary to serve the site.

REFUSE:

DRB Stipulations

38. Two Refuse enclosures shall be constructed to City of Scottsdale's standards. Details for construction of trash enclosures can be found in the City of Scottsdale Supplements to MAG Standards, standard detail #2146-1 for single enclosures.

39. Enclosures must:

- a. Provide adequate truck turning/backing movements for a design vehicle of turning radius R (minimum) = 45 feet vehicle length of L = 40 feet.
- b. Be positioned to facilitate collection without "backtracking."
- c. Be easily accessible by a simple route.
- d. Not require backing more than 35 feet.
- e. Not be located on dead-end parking aisles.
- f. Enclosures serviced on one side of a drive must be positioned at a 30-degree angle to the centerline of the drive.

Ordinance

J. Refuse enclosures are required as follows:

- (1) Commercial Building Space: One for 0 to 20,000 s.f., Two for 20,001 to 40,000 s.f., Three for 40,001 to 60,000 s.f., etc.

K. Underground vault-type containers are not allowed.

L. Refuse collection methods, i.e., site plan circulation will be approved at final plan review.

M. Refuse collection can be provided by the City of Scottsdale's Sanitation Division, at 480-312-5600.

WATER AND WASTEWATER STIPULATIONS

The following stipulations are provided to aid the developer in submittal requirements, and are not intended to be all-inclusive of project requirements. Water and sewer lines and services shall be in compliance with City Engineering Water and Sewer Ordinance, the Scottsdale Revised Code and Sections 4 and 5 of the Design Standards and Policies Manual.

DRB Stipulations

40. Before the improvement plan submittal to the Plan Review and Permit Services Division, the developer shall obtain approval of the master water and wastewater reports. The improvement plans shall be consistent with the approved master water and wastewater reports. Any design that modifies the approved master report requires from the developer a site-specific addendum to the master report, subject to review and approval by City staff.
41. Where walls cross or run parallel with public water mains, public sewer mains, or public fire lines the following shall apply:
- a. For walls constructed parallel to these pipes, the walls shall be a minimum of six (6) feet from the outside diameter of the pipe.
 - b. For walls constructed across or perpendicular to these pipes, the walls shall be constructed with gates or removable wall panels for maintenance and emergency access.

WATER:

DRB Stipulations

42. Basis of Design Report (Water):

- a. Before the improvement plan submittal to the Plan Review and Permit Services Division, the developer shall obtain approval of the Water Basis of Design Report from the City's Water Resources Department. The report shall conform to the draft Water and Wastewater Report Guidelines available from the City's Water Resources Department.

Ordinance

N. The water system for this project shall meet required health standards and shall have sufficient volume and pressure for domestic use and fire protection.

WASTEWATER:

DRB Stipulations

43. Wastewater Basis of Design Report. Before the improvement plan submittal to the Plan Review and Permit Services Division, the developer shall obtain approval of the Wastewater Basis of Design Report from the City's Water Resources Department. The report shall conform to the draft Water and Wastewater Report Guidelines available from the City's Water Resources Department.
44. On-site sanitary sewer shall be privately owned and maintained.

45. Existing water and sewer service lines to this site shall be utilized or shall be abandoned by disconnection at the main.

Ordinance

- O. Privately owned sanitary sewer shall not run parallel within the waterline easement.
- P. Monitoring Manholes. The developer shall construct two monitoring manholes for this project. One for each site on 82nd Street. All sewage discharged from this development shall meet local and federal pretreatment standards for sewage discharge. The facility may require a City Industrial Users Permit and related monitoring and sampling facility. All development within industrial (I-1) zoned districts shall provide a monitoring manhole.

OIL AND GREASE INTERCEPTORS.

- Q. The developer shall construct oil and grease interceptors. Oil and grease interceptors shall be provided at service and body shop connections to the sanitary sewer. The interceptors shall be located as to be readily and easily accessible for cleaning and inspection.

CONSTRUCTION REQUIREMENTS

DRB Stipulations

As-Built Plans.

46. City staff may at any time request the developer to submit as-built plans to the Inspection Services Division.
- a. As-built plans shall be certified in writing by a registered professional civil engineer, using as-built data from a registered land surveyor.
 - b. As-built plans for drainage facilities and structures shall include, but are not limited to, streets, lot grading, storm drain pipe, valley gutters, curb and gutter, flood walls, culverts, inlet and outlet structures, dams, berms, lined and unlined open channels, storm water storage basins, underground storm water storage tanks, and bridges as determined by city staff.

Ordinance

- R. Section 404 permits. With the improvement plan submittal to the Plan Review and Permit Services Division, the developer's engineer must certify that it complies with, or is exempt from, Section 404 of the Clean Water Act of the United States. [Section 404 regulates the discharge of dredged or fill material into a wetland, lake, (including dry lakes), river, stream (including intermittent streams, ephemeral washes, and arroyos), or other waters of the United States.]